

Title (en)

SOLIDIFICATION MATRIX USING AN AMINOCARBOXYLATE

Title (de)

VERFESTIGUNGSMATRIX MIT EINEM AMINOCARBOXYLAT

Title (fr)

MATRICE DE SOLIDIFICATION UTILISANT UN AMINOCARBOXYLATE

Publication

EP 2240563 A4 20110622 (EN)

Application

EP 08869466 A 20081230

Priority

- IB 2008055593 W 20081230
- US 96945508 A 20080104

Abstract (en)

[origin: US2009176688A1] A solidification matrix includes a biodegradable aminocarboxylate, sodium carbonate, and water. The biodegradable aminocarboxylate, sodium carbonate, and water interact to form a hydrate solid. The solidification matrix may be used, for example, in a solid detergent composition.

IPC 8 full level

C11D 3/33 (2006.01); **C11D 3/10** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)

C11D 3/10 (2013.01 - EP US); **C11D 3/33** (2013.01 - EP US); **C11D 17/0052** (2013.01 - EP US); **C11D 17/0065** (2013.01 - EP US); **C11D 17/0073** (2013.01 - EP US)

Citation (search report)

- [X] WO 03016456 A1 20030227 - ECOLAB INC [US]
- [X] US 5425895 A 19950620 - BACKES THOMAS W [US], et al
- [X] WO 9603489 A1 19960208 - MONSANTO CO [US]
- [XP] WO 2008137853 A1 20081113 - ECOLAB INC [US], et al
- [XP] WO 2008135869 A1 20081113 - ECOLAB INC [US], et al
- [E] WO 2009004512 A2 20090108 - ECOLAB INC [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2009176688 A1 20090709; US 8198228 B2 20120612; AU 2008346169 A1 20090716; AU 2008346169 B2 20130711; BR PI0819686 A2 20150616; BR PI0819686 B1 20230516; CA 2705744 A1 20090716; CA 2705744 C 20160517; CN 101896593 A 20101124; DK 2240563 T3 20140217; EP 2240563 A1 20101020; EP 2240563 A4 20110622; EP 2240563 B1 20131127; ES 2449153 T3 20140318; JP 2011508821 A 20110317; JP 5801555 B2 20151028; KR 101572182 B1 20151126; KR 20100112606 A 20101019; WO 2009087541 A1 20090716

DOCDB simple family (application)

US 96945508 A 20080104; AU 2008346169 A 20081230; BR PI0819686 A 20081230; CA 2705744 A 20081230; CN 200880120745 A 20081230; DK 08869466 T 20081230; EP 08869466 A 20081230; ES 08869466 T 20081230; IB 2008055593 W 20081230; JP 2010541127 A 20081230; KR 20107017409 A 20081230